



11-09-05

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Customer No. 00051957  
Docket No. 17563 (AP)

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant: Yanbin Liang, et al.

Serial No.: 10/688,790

Filed: October 17, 2003

For: HUMAN PROSTAGLANDIN EP4  
RECEPTOR VARIANTS AND METHODS  
OF USING SAME

Examiner: unassigned

Group Art Unit: 1646

Confirmation No. 1786

Irvine, California

**INFORMATION DISCLOSURE STATEMENT**

Mail Stop: Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

Applicants provide with regard to the above-identified patent application entitled HUMAN PROSTAGLANDIN EP4 RECEPTOR VARIANTS AND METHODS OF USING SAME, one copy of documents of which they are aware, which may be material to the examination of this application, and in respect of which there may be a duty of disclosure under 37 C.F.R. §1.56. A listing of the documents submitted is set forth on the attached 1 page Information Disclosure Citation (Form PTO/SB/08a).

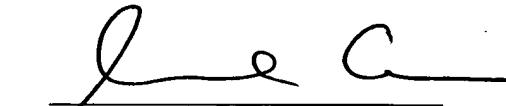
While these documents may be material pursuant to 37 C.F.R. §1.56, the disclosure is not intended to constitute an admission that the documents are prior art in regard to this invention. These documents were disclosed in an International Search Report in the foreign counterpart of the above-identified application, and the International Search Report was received less than three (3) months ago. The filing of this Statement should not be construed to mean that a search has been conducted

or that no other material documents or information exists. Please do not hesitate to contact the undersigned should any questions arise regarding this Statement.

The Commissioner is hereby authorized to charge any fees required or necessary for the filing, processing or entering of this paper or any of the enclosed papers, and to refund any overpayment, to deposit account 01-0885.

Respectfully submitted,

Date: November 8, 2005

  
Joel B. German, Esq.  
Attorney of Record  
Registration Number 48,676

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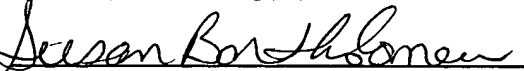
CERTIFICATE OF EXPRESS MAIL UNDER 37 C.F.R. § 1.10

I hereby certify that this Information Disclosure Statement and the documents referred to as enclosed therein are being deposited with the United States Postal Service on this date November 8, 2005 in an envelope as "Express Mail Post Office to Addressee" Mailing Label number EL980001761 addressed to Mail Stop: Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Susan Bartholomew

Name of person mailing paper

Date November 8, 2005

  
Signature of person signing paper

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

Application number:	10/688,790
Filing Date:	October 17, 2003
First named Inventor	Yanbin Liang. et al.,
Art Unit:	1646
Examiner Name	unassigned
Attorney Docket Number:	17563 (AP)

Sheet 1 of 1

**U.S. PATENT DOCUMENTS**

*Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number Kind Code <sup>2</sup> (if known)			
	AA	US5,605,814 and Sequence ID No. 18	2/25/97	Abramovitz, et al.	
	AB	US			
	AC	US			
	AD	US			
	AE	US			
	AF	US			
	AG	US			
	AH				
	AI				
	AJ				
	AK				
	AL				
	AM				
	AN				
	AO				
	AP				
	AQ				

**FOREIGN PATENT DOCUMENTS**

*Examiner Initials*	Cite No	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)				
	CA					
	CB					
	CC					
	CD					
	CE					
	CF					
	CG					
	CH					

Examiner Signature		Date Considered	
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14.